

Product Highlights

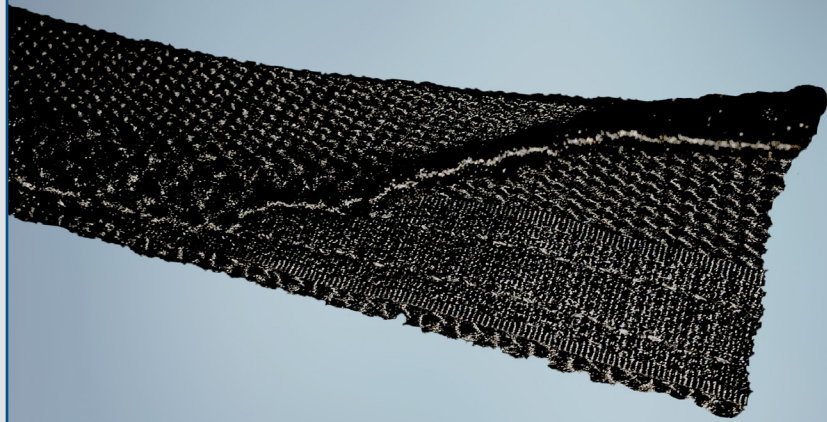
- Operating temperature up to +125°C (+257°F)
- Superior abrasion resistance
- Excellent cut-through resistance
- High density self-wrapping construction
- Integrated hook & loop closure for easy install
- Custom printing available

Typical Applications

- Wire Harnesses
- Tube, Hose & Cable Assemblies
- Fluid Transport Lines
- High Voltage Applications (Orange)



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)



NyloGard® 2453 is a highly durable, wrappable sleeve constructed from high denier nylon yarns. NyloGard 2453 provides superior abrasion and cut-through protection for hoses, cables and wires for extreme applications and in rugged environments. The hook and loop closure system allows for quick and easy installation as well as removal for necessary maintenance.

NyloGard 2453's dense construction provides maximum coverage. These properties extend the service life of the protected component and offer a cost savings associated with decreased component replacements.

Performance Data – NyloGard® 2453

Property	Test Method	Result
Temperature Rating	240 hours at +150°C (+125°C rating)	Pass +125°C (+257°F)
Low Temperature Flexibility	SAEJ2192	Pass -70°C (-94°F)
Fluid Resistance	SAEJ2192	Pass
Dynamic Cut-Through Resistance	ASTM D3032 Parallel to fill direction Parallel to warp direction	2,100 N avg 2,050 N avg

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Construction and Typical Product Characteristics

Warp Yarn: Nylon 6 (PA6) multifilament

Fill Yarn: Nylon 6 (PA6) multifilament

Standard Sizes

Commercial Part Number	Nominal Diameter (mm)
NyloGard 2453 13-C	13
NyloGard 2453 16-C	16
NyloGard 2453 19-C	19
NyloGard 2453 25-C	25
NyloGard 2453 32-C	32
NyloGard 2453 38-C	38
NyloGard 2453 45-C	45
NyloGard 2453 51-C	51

C = Color Code: Black - 0 | Orange - 3

* Based on the product's closure and or self-locating design, there could be variables that impact size selection. Please consult your local sales representative for recommendations and guidance to ensure proper functionality and optimized performance for your application.

Availability

Standard sizes are listed here, Additional sizes could be available upon request.

Available in spools and custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Standard colors listed below table. Additional colors may be available.

Please consult your local sales representative for regional packaging details and standards.



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600
 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560
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